

Applicant: Hans-Christoph MAGEL
Docket No. R.305058
Preliminary Amdt.

NEW ABSTRACT:

Please replace the original abstract with the following new abstract:

Abstract of the Disclosure

A servo-valve for a fuel injector equipped with a pressure booster whose working chamber is separated from a differential pressure chamber by a booster piston in which an actuator can connect a control chamber to a first low-pressure return and the differential pressure chamber can be connected to a second low-pressure return or to a return system in which the returns are connected to each other. A first servo-valve piston has a first sealing seat, and a second piston, embodied as a sealing sleeve, is accommodated on the first servo-valve piston and, together with a valve housing, constitutes a second sealing seat. When the pressure in the control chamber is relieved, this second sealing seat is closed with a shorter stroke, sooner than the first sealing seat. When the control chamber is subjected to pressure, the second sealing seat opens only after the first sealing seat is closed.